

# 开源月刊《HelloGitHub》第 62 期

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来源网站: [链滴](#)

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<blockquote>  
<p>兴趣是最好的老师，<strong>HelloGitHub</strong> 让你对编程感兴趣！</p>  
</blockquote>  
<p></p>  
<h2 id="简介">简介</h2>  
<p>分享 GitHub 上有趣、入门级的开源项目。</p>  
<p>这里有实战项目、入门教程、黑科技、开源书籍、大厂开源项目等，涵盖多种编程语言 Python、ava、Go、C/C++、Swift...让你在短时间内感受到开源的魅力，对编程产生兴趣！</p>  
<blockquote>  
<p>项目地址：<a href="https://ld246.com/forward?goto=https%3A%2F%2Fgithub.com%2F51xueweihan%2FHelloGitHub" target="\_blank" rel="nofollow ugc">https://github.com/521xuweihan/HelloGitHub</a></p>  
</blockquote>  
<p>HelloGitHub 截止：2021.5.27 已获得 4.2 万星，感谢大家点亮的每一个 :sparkles:</p>  
<hr>  
<blockquote>  
<p><strong>以下为本期内容</strong> | 每个月 <strong>28</strong> 号更新</p>  
</blockquote>  
<h3 id="C-项目">C 项目</h3>  
<p>1、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Forc%2Fdiscount" target="\_blank" rel="nofollow ugc">discount</a>：一个用 C 语言编写的 Markdown 实现可以轻松将 MD 文档转换为 HTML 格式</p>  
<h3 id="C--项目">C# 项目</h3>  
<p>2、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fdotnet%2Fmaui" target="\_blank" rel="nofollow ugc">maui</a>：微软官方开源的 .NET 跨平台 UI 框架。这意味着同一套代码和原生 UI 可以跑在几乎所有的设备上</p>  
<p></p>  
<p>3、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Ffile-New-Project%2FEarTrumpet" target="\_blank" rel="nofollow ugc">EarTrumpet</a>：一款 Windows 统上的音量控制小工具</p>  
<p></p>  
<h3 id="C---项目">C++ 项目</h3>  
<p>4、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fbitleak%2Fkvrocks" target="\_blank" rel="nofollow ugc">kvrocks</a>：基于 RocksDB 并兼容 Redis 协议的 N SQL 数据库。磁盘类型的 Redis 为降低存储成本而生，存储成本可以降到 Redis 的 1/3 以上</p>  
<p></p>  
<h3 id="CSS-项目">CSS 项目</h3>  
<p>5、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fkwokronny%2Fstylus-shortcut" target="\_blank" rel="nofollow ugc">stylus-shortcut</a>：基于 stylus 实现快速编写 CSS 样式的库</p>  
<p></p>

t/jpg"></p>

<p>6、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fbansal-io%2Fattern.css" target="\_blank" rel="nofollow ugc">pattern.css</a>：用漂亮的图形填充背景的 CSS 库</p>

<p></p>

<h3 id="Go-项目">Go 项目</h3>

<p>7、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fcloudreve%2FCloudreve" target="\_blank" rel="nofollow ugc">Cloudreve</a>：支持多种存储服务的云文件管理工具。开箱即用，功能丰富</p>

<ul>

<li>拖拽上传、目录上传、流式上传处理</li>

<li>客户端直传和限速下载</li>

<li>视频、图像、音频、文本、Office 文档在线预览</li>

</ul>

<p></p>

<p>8、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fmuesli%2Fduf" target="\_blank" rel="nofollow ugc">duf</a>：一款查看磁盘空间情况的命令行工具，足以代替 df 命令。它上手简单使用方便，界面简洁且友好同时支持 Linux、macOS 和 Windows 操作系统</p>

<p></p>

<p>9、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fcharmbracele%2Fbubbletea" target="\_blank" rel="nofollow ugc">bubbletea</a>：一个强大的 TUI（文本界面）框架。Bubble Tea 非常适合构建复杂交互的终端应用程序，同时还能让命令行程序变得多和炫酷</p>

<p></p>

<p>10、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Froseduan%2Frosedb" target="\_blank" rel="nofollow ugc">rosedb</a>：一个完全用 Go 写的 Key-Value 数据库。rosedb 适合在找 Go 实战项目的小伙伴们，因为项目代码简洁、注释清晰，配上作者录制的讲视频。你可以从中学到 Go 相关的知识</p>

<ul>

<li>实用的高级特性，比如：goroutine、chan、mutex</li>

<li>数据结构及算法相关知识，比如：链表、哈希表、跳表等</li>

<li>操作系统的一些知识，特别是文件系统和内存映射</li>

</ul>

<p></p>

<p>11、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fmiguelmota%2Fcointop" target="\_blank" rel="nofollow ugc">cointop</a>：用于追踪加密货币行情的命令行工具。界面仿照 htop 支持类似 Vim 的快捷键，程序员摸鱼神器。<a href="https://ld246.com/forward?goto=https%3A%2F%2Fcointop.sh%2F" target="\_blank" rel="nofollow ugc">在线体验</a>

</p>

<p>  </p>

<h3 id="Java-项目">Java 项目</h3>

<p>12、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Ftheonedev%2Fonedev" target="\_blank" rel="nofollow ugc">onedev</a>： 一个用 Java 写的 Git 仓库管理平。包含 Git 版本管理、持续集成、Issue 管理、代码搜索和审查等功能</p>

<p>  </p>

<p>13、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2FiBotPeaches%2FApktool" target="\_blank" rel="nofollow ugc">Apktool</a>： 反编译 Android 安装包 APK 文件的工具</p>

<h3 id="JavaScript-项目">JavaScript 项目</h3>

<p>14、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fbaidu%2Famis" target="\_blank" rel="nofollow ugc">amis</a>： 通过 JSON 配置就能生成各种后台页面。这百度开源的前端低代码框架， <a href="https://ld246.com/forward?goto=https%3A%2F%2Fbaid.gitee.io%2Famis%2Fzh-CN%2Fdocs%2Findex" target="\_blank" rel="nofollow ugc">中文文档/a>快速上手</p>

<p>  </p>

<p>15、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2FRenovamen%2Fplayground-macos" target="\_blank" rel="nofollow ugc">playground-macos</a>： 模拟 ma OS 桌面样式的个人简介展示页</p>

<p>  </p>

<p>16、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fpmndrs%2Fue-gesture" target="\_blank" rel="nofollow ugc">use-gesture</a>： 丰富鼠标和触摸手势的 React 库</p>

<p>  </p>

<p>17、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fhuangwei957%2FInk-wash-docs" target=" blank" rel="nofollow ugc">Ink-wash-docs</a>： 一款基于 egg.js+Vue.js 的在线文档管理平台。功能包含：文档编辑和预览、团队管理、访问权限、协作编辑等</p>

<p>  </p>

<h3 id="Kotlin-项目">Kotlin 项目</h3>

<p>18、 <a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Ftachiyomior%2Ftachiyomi" target="\_blank" rel="nofollow ugc">tachiyomi</a>： 一款免费、开源的安卓漫阅读器。支持： </p>

<ul>

<li>多种漫画源</li>

<li>阅读本地漫画</li>

</li>更新漫画章节</li>

</li>等等</li>

</ul>

<p></p>

<h3 id="Objective-C-项目">Objective-C 项目</h3>

<p>19、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Futmapp%2FTM" target="\_blank" rel="nofollow ugc">UTM</a>：运行在 iOS 和 macOS 系统上的虚拟机。过 UTM 你可以在无需“越狱”的情况下，在 iPhone 和 iPad 上运行 Windows、Linux 等操作系统</p>

<p></p>

<h3 id="PHP-项目">PHP 项目</h3>

<p>20、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fantonkomarv%2Fgithub-profile-views-counter" target="\_blank" rel="nofollow ugc">github-profile-views-counter</a>：用来展示 GitHub 个人首页被访问次数的项目。使用方法：<code></code></p>

<p></p>

<h3 id="Python-项目">Python 项目</h3>

<p>21、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Ftrekhleb%2Flearn-python" target="\_blank" rel="nofollow ugc">learn-python</a>：一份以代码和注释方式解 Python 的免费教程。每个 Python 基础语法和知识点都采用可以运行的代码为例讲解，再配上适当的注释和参考资料，让你快速上手 Python。此项目不仅可以当做学习 Python 的资料，还可以留着为速查表</p>

```
<pre><code class="language-python highlight-chroma"><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2"><span class="highlight-s2">""WHILE statement</span></span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">@see: https://docs.python.org/3/tutorial/controlflow.html</span></span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">@see: https://docs.python.org/3/reference/compound_stmts.html#the-while-statement</span></span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">The while loop executes as long as the condition remains true. In Python, like in C, any</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">non-zero integer value is true; zero is false. The condition may also be a string or list</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">value, in fact any sequence; anything with a non-zero length is true, empty sequences are</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">>false.</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">The test used in the example is a simple comparison. The standard comparison operators are</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-s2">written the same as in C: &lt; (less than), &gt; (greater than), == (equal to),</span></span></span>
```

lt;= (less than or

```
</span></span></span><span class="highlight-line"><span class="highlight-cl"><span cla
s="highlight-s2">equal to), &gt;= (greater than or equal to) and != (not equal to).
```

```
</span></span></span><span class="highlight-line"><span class="highlight-cl"><span cla
s="highlight-s2">""</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"><span class="high
ight-k">def</span> <span class="highlight-nf">test_while_statement</span><span class="
ighlight-p">():</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-s2">""WHILE statement""</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-c1"># Let's raise the number to certain power using while loop.</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-n">number</span> <span class="highlight-o">=</span> <span class="highlight-m
">2</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-n">power</span> <span class="highlight-o">=</span> <span class="highlight-mi
">5</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-n">result</span> <span class="highlight-o">=</span> <span class="highlight-mi"
1</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-k">while</span> <span class="highlight-n">power</span> <span class="highlight-
">&gt;</span> <span class="highlight-mi">0</span> <span class="highlight-p">:</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class=
highlight-n">result</span> <span class="highlight-o">*</span> <span class="highlight-n
">number</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class=
highlight-n">power</span> <span class="highlight-o">-=</span> <span class="highlight-
i">1</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-c1"># 2^5 = 32</span>
```

```
</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="h
ghlight-k">assert</span> <span class="highlight-n">result</span> <span class="highlight-
">==</span> <span class="highlight-mi">32</span>
```

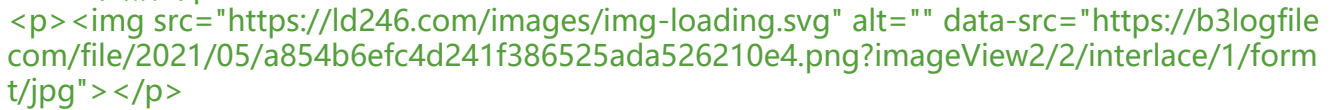
```
</span></span></code></pre>
```

<p>22、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fpeiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2FaaPanel%2FaoTa" target="\_blank" rel="nofollow ugc"> BaoTa</a>: 宝塔 Linux 服务器运维管理平台。简单用的服务器运维平台，支持一键 LNMP 安装、管理集群、网站、数据库等功能，可以有效的提高操作的规范性和安全性，降低出错概率。这个开源项目是免费版，还有付费的<a href="https://ld246.com/forward?goto=https%3A%2F%2Fwww.bt.cn%2F%3Finvoke\_code%3DMV90dXphcW0%3D" target="\_blank" rel="nofollow ugc">专业版</a></p>

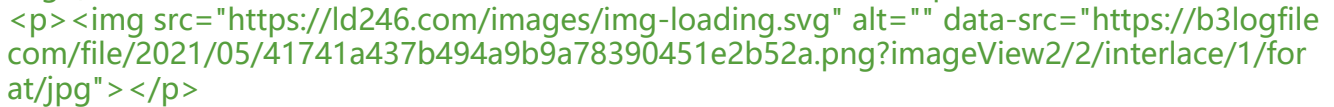
<p></p>

<p>23、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fpeiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fmicrosoft%2Frecommenders" target="\_blank" rel="nofollow ugc">recommenders</a>: 通过 Jupyter Note

ook 形式呈现的推荐系统最佳实践。这是微软开源的推荐系统教程，项目中还包含推荐系统常用的 Python 工具箱



24、[magic-wormhole](https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fmagic-wormhole%2Fmagic-wormhole)：一条命令就能将文件安全地传送到另外一台电脑上的工具。基于 PAKE (Password-Authenticated Key Exchange) 协议实现文件在公网的加密传输，发送和接收均仅需一条命令



### Swift 项目

25、[Design-Patterns-In-Swift](https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fochococo%2FDesign-Patterns-In-Swift)：设计模式 Swift 5.0 实现。[中文版](https://ld246.com/forward?goto=https%3A%2F%2Fgithub.com%2Fochococo%2FDesign-Patterns-In-Swift%2Fblob%2Fmaster%2FREADME-CN.md)

26、[IGListKit](https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2FInstagram%2FIGListKit)：Instagram 推出的一套数据驱动的 UICollectionView 框架，用来创建快速且灵活的列表界面。提供了更简单的使用 UICollectionView 式，并且支持对自己的数据模型进行自定义 diff 操作，提供更好的架构以复用 Cell 和组件

27、[Observable-Swift](https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fslazyk%2FObservable-Swift)：一个在 Swift 上实现 KVO 的轻量级工具。简单易用地解决了 Swift 相对于 Objective-C 缺少 Key Value Observing (KVO) 的问题

```
<code class="language-swift highlight-chroma"><span class="highlight-line"><span class="highlight-cl"><span class="highlight-c1">// create a Observable<int> variable</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-kd">var</span><span class="highlight-nv">x</span><span class="highlight-p">=</span></span><span class="highlight-n">Observable</span><span class="highlight-p">(</span><span class="highlight-mi">0</span><span class="highlight-p">)</span><span class="highlight-line"><span class="highlight-cl"></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-c1">// add a handler</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-n">x</span><span class="highlight-p">.</span><span class="highlight-n">afterChange</span><span class="highlight-o"> +=</span><span class="highlight-p">{</span><span class="highlight-bp">println</span><span class="highlight-p">(</span><span class="highlight-s">"Changed x from </span><span class="highlight-si">\<$0</span><span class="highlight-si">)</span><span class="highlight-s"> to </span><span class="highlight-si">\<$1</span><span class="highlight-si">)</span><span class="highlight-s">}</span><span class="highlight-p">}</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-c1">// without operators: x.afterChange.add { ... }</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-c1">// change the value, prints "Changed x from 0 to 42"</span></span></span>
```

</span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-n">x</span> <span class="highlight-o">&lt;-</span> <span class="highlight-mi">42<span>

</span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-c1">// alternatively  $x^4 = 42$ , without operators: `x.value = 42`</span>

</span></span></code></pre>

<h3 id="其它">其它</h3>

<p>28、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2FAntennaPod%2FAntennaPod" target="\_blank" rel="nofollow ugc">AntennaPod</a>：一款免费、开源、没广告的播客应用（Android 和 iOS）。由播客爱好者用爱开发和维护，支持在线播放和音频下载等功能，同时内置数以百万计的免费和付费播客源，从独立播主到大型新闻机构出版社，如 BBC、NPR 和 CNN 应有尽有，也可自行导入播客源</p>

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<p>29、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fhua1995116%2Freact-resume-site" target="\_blank" rel="nofollow ugc">react-resume-site</a>：一款免费简历在线制作工具。用写 Markdown 的方式制作出好看的简历，<a href="https://ld246.com/forward?goto=https%3A%2F%2Fresume.mdedit.online%2Feditor%2F%23%2F" target="\_blank" rel="nofollow ugc">在线尝试</a></p>

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<p>30、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fdockersamples%2Fawesome-compose" target="\_blank" rel="nofollow ugc">awesome-compose</a>：丰富且实用 Docker Compose 示例集合。该项目中的例子可以作为参考和模板，从而快速完成 Docker Compose 的编写</p>

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<p>31、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Ftabixio%2Ftabix" target="\_blank" rel="nofollow ugc">tabix</a>：一款 ClickHouse 的 Web 可视化查询和分工具。通过它可以在浏览器上轻松查询 CH 的数据，还有丰富的图表帮助分析数据，最后还可选择内搭建或者直接<a href="https://ld246.com/forward?goto=http%3A%2F%2Fui.tabix.io%2F%23%1%2Flogin" target="\_blank" rel="nofollow ugc">在线使用</a></p>

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<p>32、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fvulhub%2Fvulhub" target="\_blank" rel="nofollow ugc">vulhub</a>：一个面向大众的开源漏洞环境集合。Vulhub 中包含了 180 余个丰富且真实的漏洞与其相应的环境，无需 Docker 知识即可通过一条简单的命令，跑起来一个存在某个漏洞的完整应用。安全研究人员能够方便地复现与研究漏洞，省去了学习复杂部署知识、寻找有漏洞的旧版本应用、搭建依赖的服务等麻烦，从而可以快速验证修复方案</p>

<p>33、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Foverleaf%2Foverleaf" target="\_blank" rel="nofollow ugc">overleaf</a>：一款支持在线协作的 LaTeX 编辑器</p>

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<h3 id="开源书籍">开源书籍</h3>

<p>34、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Fbitcoinbook%2Fbitcoinbook" target="\_blank" rel="nofollow ugc">bitcoinbook</a>：《Mastering Bitcoin 2nd Edition》精通比特币第 2 版</p>

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<p>35、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Flaixintao%2Fpython-parallel-programming-cookbook-cn" target="\_blank" rel="nofollow ugc">python-parallel-programming-cookbook-cn</a>：《Python Parallel Programming Cookbook》Python 并行编程。<a href="https://ld246.com/forward?goto=https%3A%2F%2Fpython-parallel-programming-cookbook.readthedocs.io%2Fzh\_CN%2Flatest%2F" target="\_blank" rel="nofollow ugc">在线阅读</a></p>

<h3 id="机器学习">机器学习</h3>

<p>36、<a href="https://ld246.com/forward?goto=https%3A%2F%2Fhellogithub.com%2Fperiodical%2Fstatistics%2Fclick%2F%3Ftarget%3Dhttps%3A%2F%2Fgithub.com%2Faleju%2Fimgaug" target="\_blank" rel="nofollow ugc">imgaug</a>：这是个图像数据增强 Python 库。数据的数量和质量对于机器学习很重要，而数据增强就是让有限的数据集产生更多的数据，增加训练样本数量以及多样性。imgaug 就是专为机器学习准备的图像数据增强库</p>

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<h2 id="最后">最后</h2>

<p>如果你发现了 GitHub 上有趣的项目，就<a href="https://ld246.com/forward?goto=https%3A%2F%2Fgithub.com%2F521xuweihan%2FHelloGitHub%2Fissues%2Fnew" target="\_blank" rel="nofollow ugc">分享</a>给大家伙吧。</p>